

WE CLAIM:

1. A safety device that is connectable to a technical device, comprising:
a rail;
an emergency activation apparatus selectively attachable to said rail so that said emergency activation apparatus is shiftable along said rail;
said rail emitting a test signal that is received by said emergency activation apparatus while said emergency activation apparatus is attached thereto independent of a shift position
said emergency activation apparatus emitting a response signal that is received by said rail independent of its shift position, the safety device being fashioned such that a signal is emitted to the technical device dependent on a receipt of the response signal.
2. A safety device according to claim 1, wherein said rail includes a test signal emission apparatus via which the test signal is emitted.
3. A safety device according to claim 2, wherein an optical test signal is emitted via said test signal emission apparatus.
4. A safety device according to claim 2, wherein an electrical test signal is emitted by said test signal emission apparatus.
5. A safety device according to claim 1, wherein said rail includes a response signal reception apparatus via which the response signal is received.
6. A safety device according to claim 5, wherein an optical response signal is received via said response signal reception apparatus.
7. A safety device according to claim 5, wherein said response signal reception apparatus includes a fluorescing fiber.

8. A safety device according to claim 5, wherein an electrical response signal is received via said response signal reception apparatus.

9. A safety device according to claim 1, further comprising:
an emergency control device connected to said rail via which at least one of the test signal is generated and the response signal is received.

10. A safety device according to claim 9, wherein said emergency control device generates at least one of a test signal that includes an identifier that is unambiguously associated with a specific emergency activation apparatus and a response signal is received that includes an identifier that is unambiguously associated with a specific emergency activation apparatus.

11. A technical device that is connected with a safety device, comprising:
a rail;
an emergency activation apparatus selectively attachable to said rail so that said emergency activation apparatus is shiftable along said rail;
said rail emitting a test signal that is received by said emergency activation apparatus while
said emergency activation apparatus is attached thereto independent of a shift position
said emergency activation apparatus emitting a response signal that is received by said rail
independent of its shift position, the safety device being fashioned such that a signal is emitted to the technical device dependent on a receipt of the response signal.

12. A technical device according to claim 11, wherein said technical device is a medical-technical device.

13. An emergency activation system, comprising:

an emergency activation apparatus;

a rail to which said emergency activation apparatus is attachable and on which said emergency activation apparatus is shiftable, said rail emitting a test signal that is received by said emergency activation apparatus independent of a shift position on said rail, and said emergency activation apparatus emitting a response signal dependent on a receipt of the test signal, said rail receiving said response signal independent of the shift position of said emergency activation apparatus.

14. An emergency activation system according to claim 13, further comprising:
a test signal reception apparatus via which the test signal is received.

15. An emergency activation system according to claim 14, wherein an optical test signal is received via said test signal reception apparatus.

16. An emergency activation system according to claim 14, wherein an electrical test signal is received via said test signal reception apparatus.

17. An emergency activation system according to claim 13, further comprising:
a response signal emission apparatus via which the response signal is emitted.

18. An emergency activation apparatus according to claim 17, wherein an optical response signal is emitted via said response signal emission apparatus.

19. An emergency activation apparatus according to claim 17, wherein an electrical response signal is emitted via said response signal emission apparatus.

20. An emergency activation apparatus according to claim 13, further comprising:
an emergency key dependent on whose operation the response signal is emitted.

21. An emergency activation apparatus according to claim 20, further comprising:
an electrical E-stop switch that is activated via operation of said emergency key.

22. An emergency activation apparatus according to claim 20, further comprising:
an optical signal path that is interrupted via operation of said emergency key.

23. An emergency activation apparatus according to claim 13, further comprising:
an identification analyzer.

24. An emergency activation apparatus according to claim 23, wherein said
identification analyzer analyses an individual identifier is included in a received test signal,
and said identification analyzer emits a response signal dependent on a result of the analysis.

25. An emergency activation apparatus according to claim 23, wherein a response
signal having an individual identification is emitted via said identification analyzer.

26. An emergency activation apparatus according to claim 13, wherein said
emergency apparatus is automatically operated upon detection of a predeterminable
circumstance.